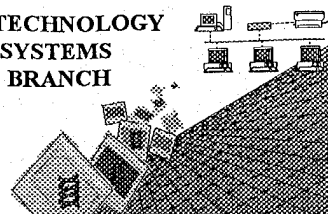


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/033,195
Source: OLPE
Date Processed by STIC: 7/9/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/033,195
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 _____ Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 _____ Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 _____ Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 _____ Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 _____ Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 _____ PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 _____ Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 _____ Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 _____ Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 ✓ Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 _____ Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 _____ PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 _____ Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.	

IMPORTANT

(e.g. "peptide"
Sequence"
would be
insufficient)



OIPE

RAW SEQUENCE LISTING

DATE: 07/09/2002

PATENT APPLICATION: US/10/033,195

TIME: 13:34:10

Input Set : A:\2719.2002-001.txt

Output Set: N:\CRF3\07092002\J033195.raw

pp 1-4
Does Not Comply
Corrected Diskette Needed

OK>

4 <110> APPLICANT: Fodor, Stephen P.A.
 5 Stryer, Lubert
 6 Read, J. Leighton
 7 Pirrung, Michael C.
 9 <120> TITLE OF INVENTION: Nucleotides and Analogs Having
 10 Photoremovable Protecting Groups
 13 <130> FILE REFERENCE: 2719.2002-001
 15 <140> CURRENT APPLICATION NUMBER: 10/033,195
 16 <141> CURRENT FILING DATE: 2002-06-24
 18 <150> PRIOR APPLICATION NUMBER: 09/465,126
 19 <151> PRIOR FILING DATE: 1999-12-17
 21 <150> PRIOR APPLICATION NUMBER: 09/063,933
 22 <151> PRIOR FILING DATE: 1998-04-21
 24 <150> PRIOR APPLICATION NUMBER: 08/466,632
 25 <151> PRIOR FILING DATE: 1995-06-06
 27 <150> PRIOR APPLICATION NUMBER: 08/390,272
 28 <151> PRIOR FILING DATE: 1995-02-16
 30 <150> PRIOR APPLICATION NUMBER: 07/624,120
 31 <151> PRIOR FILING DATE: 1990-12-06
 33 <150> PRIOR APPLICATION NUMBER: 07/492,462
 34 <151> PRIOR FILING DATE: 1990-03-07
 36 <150> PRIOR APPLICATION NUMBER: 07/362,901
 37 <151> PRIOR FILING DATE: 1989-06-07
 39 <150> PRIOR APPLICATION NUMBER: 08/456,887
 40 <151> PRIOR FILING DATE: 1995-06-01
 42 <150> PRIOR APPLICATION NUMBER: 07/954,646
 43 <151> PRIOR FILING DATE: 1992-09-30
 45 <150> PRIOR APPLICATION NUMBER: 07/850,356
 46 <151> PRIOR FILING DATE: 1992-03-12
 49 <160> NUMBER OF SEQ ID NOS: 20
 51 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 53 <210> SEQ ID NO: 1
 54 <211> LENGTH: 5
 55 <212> TYPE: PRT
 56 <213> ORGANISM: Peptide sequence
 58 <400> SEQUENCE: 1
 59 Tyr Gly Gly Phe Leu
 60 1 5
 63 <210> SEQ ID NO: 2
 64 <211> LENGTH: 5
 65 <212> TYPE: PRT
 66 <213> ORGANISM: Peptide sequence
 68 <400> SEQUENCE: 2

(global)
invalid response - see item 10 on Error
Summary
Sheet

RAW SEQUENCE LISTING

DATE: 07/09/2002

PATENT APPLICATION: US/10/033,195

TIME: 13:34:10

Input Set : A:\2719.2002-001.txt

Output Set: N:\CRF3\07092002\J033195.raw

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70 1 5
73 <210> SEQ ID NO: 3
74 <211> LENGTH: 6
75 <212> TYPE: PRT
76 <213> ORGANISM: Peptide sequence
78 <400> SEQUENCE: 3
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80 1 5
83 <210> SEQ ID NO: 4
84 <211> LENGTH: 5
85 <212> TYPE: PRT
86 <213> ORGANISM: Peptide sequence
88 <400> SEQUENCE: 4
89 Tyr Gly Ala Phe Ser
90 1 5
93 <210> SEQ ID NO: 5
94 <211> LENGTH: 5
95 <212> TYPE: PRT
96 <213> ORGANISM: Peptide sequence
98 <400> SEQUENCE: 5
99 Tyr Gly Ala Phe Leu
100 1 5
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 6
105 <212> TYPE: PRT
106 <213> ORGANISM: Peptide sequence
108 <400> SEQUENCE: 6
109 Tyr Gly Gly Phe Leu Ser
110 1 5
113 <210> SEQ ID NO: 7
114 <211> LENGTH: 4
115 <212> TYPE: PRT
116 <213> ORGANISM: Peptide sequence
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120 1
123 <210> SEQ ID NO: 8
124 <211> LENGTH: 5
125 <212> TYPE: PRT
126 <213> ORGANISM: Peptide sequence
128 <400> SEQUENCE: 8
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130 1 5
133 <210> SEQ ID NO: 9
134 <211> LENGTH: 5
135 <212> TYPE: PRT
136 <213> ORGANISM: Peptide sequence
138 <400> SEQUENCE: 9

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/033,195

DATE: 07/09/2002

TIME: 13:34:10

Input Set : A:\2719.2002-001.txt

Output Set: N:\CRF3\07092002\J033195.raw

139 Tyr Gly Gly Phe Ser
140 1 5
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150 1
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154 <211> LENGTH: 6
155 <212> TYPE: PRT
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164 <211> LENGTH: 5
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166 <213> ORGANISM: Peptide sequence
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173 <210> SEQ ID NO: 13
174 <211> LENGTH: 5
175 <212> TYPE: PRT
176 <213> ORGANISM: Peptide sequence
178 <400> SEQUENCE: 13
179 Tyr Gly Gly Leu Ser
180 1 5
183 <210> SEQ ID NO: 14
184 <211> LENGTH: 6
185 <212> TYPE: PRT
186 <213> ORGANISM: Peptide sequence
188 <400> SEQUENCE: 14
189 Tyr Gly Ala Phe Ser Phe
190 1 5
193 <210> SEQ ID NO: 15
194 <211> LENGTH: 7
195 <212> TYPE: PRT
196 <213> ORGANISM: Peptide sequence
198 <400> SEQUENCE: 15
199 Tyr Gly Ala Phe Leu Ser Phe
200 1 5
203 <210> SEQ ID NO: 16
204 <211> LENGTH: 6
205 <212> TYPE: PRT
206 <213> ORGANISM: Peptide sequence
208 <400> SEQUENCE: 16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/033,195

DATE: 07/09/2002

TIME: 13:34:10

Input Set : A:\2719.2002-001.txt

Output Set: N:\CRF3\07092002\J033195.raw

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210 1 5

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214 <211> LENGTH: 5

215 <212> TYPE: PRT

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224 <211> LENGTH: 5

225 <212> TYPE: PRT

226 <213> ORGANISM: Peptide sequence

228 <400> SEQUENCE: 18

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236 <213> ORGANISM: Peptide Sequence

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243 <210> SEQ ID NO: 20

244 <211> LENGTH: 4

245 <212> TYPE: PRT

246 <213> ORGANISM: Peptide sequence

248 <400> SEQUENCE: 20

249 Gly Gly Phe Leu

250 1

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/033,195

DATE: 07/09/2002

TIME: 13:34:11

Input Set : A:\2719.2002-001.txt

Output Set: N:\CRF3\07092002\J033195.raw

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date